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<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>	Application Number	09/783,669	
	Filing Date	02/14/01	
	First Named Inventor	Walke	
	Group Art Unit	1646	
	Examiner Name	Olga Chernyshev	
Total Number of Pages in This Submission	25	Attorney Docket Number	LEX-0135-USA

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ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lance K. Ishimoto Reg. No. 41,866 Lexicon Genetics Incorporated
Signature	<i>Lance K. Ishimoto</i> by <i>Peter G. Selenian</i> Reg No 40162
Date	August 29, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/29

Applicant(s):	Walke <i>et al.</i>	Group Art Unit: 1646
Application No.:	09/783,669	Examiner: O. Chernyshev
Filed:	02/14/01	
Title:	Novel Human 7TM Proteins and Polynucleotides Encoding the Same	Att Docket No.:LEX-0135-USA

**AMENDMENT; AND RESPONSE TO OFFICE ACTION DATED
MAY 29, 2002**

Commissioner for Patents
Arlington, VA 22202

Sir:

The Applicants acknowledge the receipt of the Office Action ("the Action") mailed on May 29, 2002 (Paper No. 7), which has been carefully reviewed and studied. The Examiner is respectfully requested to enter the following amendments. Reexamination and reconsideration of the application is requested in view of the following amendments and remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the rejections in Paper No. 7 in the same order in which they were originally raised.

Also included herewith are: as **Exhibit A**, a clean copy of the pending claims; as **Exhibit B**, a marked up copy of the original claims; as **Exhibit C**, the results of a BLASTN analysis comparing SEQ ID NO: 3 and GENBANK accession number NM_054030; as **Exhibit D**, the information provided by GENBANK regarding accession number NM_054030, *Homo sapiens* G protein-coupled receptor MRGX2, mRNA; as **Exhibit E**, the results of a BLASTN analysis comparing SEQ ID NO: 3 and itself (original in-house identifier, hGPR32 ORF 3); and as **Exhibit F**, a copy of the abstract from the scientific publication entitled "A diverse family of GPCRs expressed in specific subsets of nociceptive sensory neurons" (Dong, et al., Cell 106:619-32, 2001).